



# WASHOE COUNTY

Integrity Communication Service

[www.washoecounty.us](http://www.washoecounty.us)

CM/ACM \_\_\_\_\_  
Finance LC/CH  
DA KM  
Risk Mgt DE  
HR NA  
Other NA

## STAFF REPORT

BOARD MEETING DATE: May 23, 2017

**DATE:** Friday, May 05, 2017

**TO:** Board of County Commissioners

**FROM:** Kerri Heward, Director – Forensic Science Division  
(775) 328-2803, [kheward@washoecounty.us](mailto:kheward@washoecounty.us)

**THROUGH:** Sheriff Chuck Allen *Susan Schilling*

**SUBJECT:** Recommendation to approve the sole source exemption to purchase the Leica Geosystems Scan Station offered by Precision Survey Supply, a 3-D laser scanning system P30 and applicable accessories at a cost of [\$189,805.50]. (All Commission Districts)

### SUMMARY

The Washoe County Sheriff's Office Forensic Science Division is requesting sole source approval to purchase the Leica Geosystems Scan Station P30 with accessories offered by Precision Survey Supply. Precision Survey Supply is an authorized distributor for Nevada of the Leica Geosystems Scan Station. Purchasing approves the sole source request for Leica Scan Station from Precision Survey Supply. The quote from Precision Survey Supply offers Washoe County a government discount for the purchase price of the Scan Station.

The Leica Geosystems Scan Station is the only 3-D laser scanning solution available that combines all-weather field performances, post-processing software, and legal defensibility. It operates in temperatures ranging from -4 degrees to 122 degrees Fahrenheit; temperatures not uncommon in Nevada. Vendor developed NIST traceable artifact for confirming scanner accuracy for ISO 17025 compliancy. The Leica Scan Station data has satisfied the Daubert standard in Federal and State court. To maximize compatibility, all hardware and software is produced by a single vendor.

**Washoe County Strategic Objective supported by this item:** Safe, Secure and Healthy Communities.

### PREVIOUS ACTION

None.

AGENDA ITEM # 15

## **BACKGROUND**

The Washoe County Sheriff's Office Forensic Science Division proposes to purchase and utilize an ultra-high speed three dimensional laser scanning system to more efficiently and accurately document crime scenes, especially those involving violent crimes and those with trajectory information. These systems allow for an accurate depiction of a crime scene, the location of items within the scene, and the relationship of items to one another. It establishes a perspective view with scales and measurements to all objects. It automatically calculates and incorporates an uncertainty of measurement within its diagram; a requirement of our accreditation.

High speed scanning systems are able to capture the information at a crime scene more quickly and accurately than the time required for a person or persons to document and measure by hand. This system would also drastically reduce the time needed to create diagrams and would allow us to provide investigative information to our client agencies in a more timely fashion. They have been successfully implemented in many forensic laboratories throughout the country and are being used to accomplish the goal of more efficiently and accurately documenting crime scenes for use in diagraming, reconstruction, and presentation in court.

This equipment will enhance the Division's ability to accurately document all aspects of a crime scene in such an efficient manner as to reduce personnel time at scenes and delays in releasing forensic reports to our client agencies. This then allows the time for more efficiencies throughout the Forensic Science Division with the ultimate goal of reducing out backlog.

Pursuant to NRS 332.115(a) items which may only be contracted from a sole source are exempt from award by competitive bidding. Precision Survey Supply is an authorized distributor for Nevada of the Leica Geosystems Scan Station. The Leica Scan Station is unique as no other system incorporates NIST standard reporting in their product. NIST reporting is required by our accrediting body. The ability to meet this requirement through the software package will save hours of employee time calculating Measurement of Uncertainty. Vendor developed hardware and software allows this product to make adjustments remotely from outside the crime scene. This allows for the reduction in cross contamination issues caused by moving around inside the crime scene. This product has documented acceptability in court. When tested during demonstration, it reduced the analyst time diagraming a scene from 35 hours to 3 hours with more detail in the final report. This then allows for the results to be available for the Detectives' and the District Attorney to review the crime scene within 24-48 hours.

## **FISCAL IMPACT**

Sufficient budget authority for this purchase is included in the FY17 adopted Sheriff's Office Budget (Fund Center 150-0).

## **RECOMMENDATION**

It is recommended that the Board of County Commissioners approve the sole source exemption to purchase the Leica Geosystems Scan Station offered by Precision Survey

Supply, a 3-D laser scanning system P30 and applicable accessories at a cost of [\$189,805.50],

**POSSIBLE MOTION**

Should the board agree with staff's recommendation, a possible motion would be:  
Move to approve the sole source exemption to purchase the Leica Geosystems Scan Station offered by Precision Survey Supply, a 3-D laser scanning system P30 and applicable accessories at a cost of [\$189,805.50].

**WASHOE COUNTY  
SOLE SOURCE PURCHASE REQUEST FORM**

This form must accompany a purchase requisition when sole source approval is requested for equipment, supplies or services exceeding \$25,000.

DEPARTMENT: SHERIFF

LOCATION: FORENSIC SCIENCE DIVISION

REQUESTOR'S NAME: KERRI HEWARD

TELEPHONE #: 328-2803

REQUISITION NUMBER: \_\_\_\_\_

DATE: April 7, 2017

RECOMMENDED SOLE SOURCE SUPPLIER: PRECISION SURVEY SUPPLY

DESCRIPTION OF GOOD OR SERVICE REQUESTED: LEICA GEOSYSTEMS SCANSTATION PS16/30/40

I have read and understand the Policies and Procedures of the Board of County Commissioners with regard to sole source procurements. I understand that competition is the preeminent consideration in the expenditure of County funds, and I acknowledge the County's commitment to the principle of fairness to any vendor who would like to do business with the County. After observing these principles and considerations, I hereby submit that the goods, services, and/or vendor specified in the accompanying requisition fit the County's sole source criteria for the following reasons: Please provide sufficient detail to clearly identify the reason(s) for this sole source procurement request. Attach additional information if necessary.

1. The product is unique in design and/or features that are required for a specific application. List the unique features and explain why they are needed for the application the product will be used for.

**The Leica Geosystems ScanStation is the only 3D laser scanning solution available that combines All-Weather field performances, post-processing software, and legal defensibility. It operates in temperatures ranging from a -4 degrees to 122 degrees Fahrenheit. Temperatures that we see in Nevada. Vendor developed NIST traceable artifact for confirming scanner accuracy for ISO 17025 compliancy. The Leica ScanStation data has satisfied the Daubert standard in Federal and State court. To maximize compatibility, all hardware and software is produced by a single vendor.**

2. The product being purchased must be compatible with existing equipment. Identify the existing equipment.

3. The product requested is one which the user has had specialized training for. Identify who the user of this product will be and provide a description of the previous training.

**The vendor offers factory training approved by the International Association of Identification for CSA certification. An association in which we hold membership.**

4. The product or service is available only from the manufacturer or their authorized representative. Identify the manufacturer or authorized representative, and provide telephone number and address information.

**Precision Survey Supply is an authorized Leica Geosystems Public Safety Distributor for Nevada. They are the only distributor that offers accredited certified ISM360 and Microsurvey/Mapscenes training.**

5. Consultants/Subcontractors: The individual/company is the most suitable to provide the service requested and the selection process is based on the following:

There is evidence that the assistance to be provided is essential and cannot be provided by persons receiving salary support within Washoe County.

( ) A selection process was utilized to select the most qualified person.

( ) The consulting charges are appropriate considering the qualifications of the consultant or company based on past experience and the nature of the work to be performed.

(X) 6. Other: Please explain the specific circumstances and/or requirements that warrant the goods or services request to be procured from a sole source.

No other system incorporates NIST standard reporting in their product. NIST reporting is required by our accreditation body. The ability to meet this requirement through the software package will save hours of employee time calculating Measurement of Uncertainty. This product is capable of remote adjustments made from outside the crime scene. This allows for the reduction in cross contamination issues caused by moving around inside the crime scene. This product has documented acceptability in court.

(X) 7. The following provides justification as to reasonableness of price:

The attached is a quote from the Precision Survey Supply, an authorized distributor for Nevada. We requested and received a government discount from Precision Survey Supply.

I understand that I may be required to justify this sole source procurement before the appropriate authority, including the Board of County Commissioners, and that my signing this document knowing any of it to be false may subject me to administrative action.

[Signature]  
Signature of Requestor

[Signature]  
Department Head Approval  
Chuck Allen  
Print Name

I, Melanie Lever, authorized Buyer, recommend the following:

( ) Sole source justification is adequate and exempt from competitive bidding requirements per NRS 332.115.

( ) Sole source justification is adequate to justify exemption from competitive bidding requirements per NRS 332.\_\_\_\_.

( ) Sole source justification is inadequate and request is returned to department for additional justification, instructions on whether to seek competitive bids for the goods or services requested, or to withdraw the request.

\_\_\_\_\_  
Buyer

\_\_\_\_\_  
Date

[Signature]  
Purchasing & Contracts  
Manager  
4/27/17  
Date

8628 Utica Avenue, Suite 800  
 Rancho Cucamonga, CA 91730

Phone # 909-931-4040 Tina@precisionsurveysupply.com  
 Fax # 909-931-4009 www.precisionsurveysupply.com

Date	Quote #
2/14/2017	22255

Name / Address
Washoe County Sheriffs Department 911 E Parr Blvd Reno, NV 89512

Project

Item	Qty	Description	Unit Price	Total
6009376	1	Leica ScanStation P30 Leica ScanStation P30 Standard Package, consisting of: 1x ScanStation P30 laser scanner (808687) 1x GVP645 transport box (769625) 1x GDF323 Tribrach without optical plummet (777970) 4x GEB242 Lithium-Ion Battery (793975) 1x GKL311 Single charger Prof 3000 (799185) 1x GEV228 data cable (766567) 1x GHM008 Scanner height meter (772829) 1x GHT196 Distance holder for height meter (722045) 1x ScanStation P40/P30 Quick Guide 1x ScanStation P40/P30 System USB Stick 1x Cyclone CD (755609) 1 year CCP Basic contract (6009442)	92,137.50	92,137.50T
BLK360	2	Govt. Discount: \$12,237.50 Leica BLK 360 Scanner: 2.2lbs, 360000 point/sec; Applicable accessories  Govt. Discount: \$4,795.00	22,995.00	45,990.00T

Quote does not include applicable taxes and shipping cost.	<b>Subtotal</b>
	<b>Sales Tax (0.0%)</b>
	<b>Total</b>

8628 Utica Avenue, Suite 800  
 Rancho Cucamonga, CA 91730

Phone # 909-931-4040 Tina@precisionsurveysupply.com  
 Fax # 909-931-4009 www.precisionsurveysupply.com

Date	Quote#
2/14/2017	22255

Name/Address
Washoe County Sheriffs Department 911 E Parr Blvd Reno, NV 89512

Project

Item	Qty	Description	Unit Price	Total
841807	1	iStar Fusion Customized Pelicase External 12V Battery and Charger Leica Spacer Rod (C10/Pxx) Tribrach Puck 12 month standard hardware warranty	8,500.00	8,500.00T
6009451	1	Govt. Discount: \$2,000.00 1st yr ScanStation P30/P40 CCP Silver consisting of: 1 yr Hardware Maintenance, 1 yr SW Maintenance, 1 yr Customer Support	4,500.00	4,500.00T
798751	1	Govt. Discount: \$600.00 Leica Cyclone - REGISTER - Permanent License - CCP not included	7,515.00	7,515.00T
6007859	1	Govt. Discount: \$835.00 CCP Basic for Cyclone REGISTER (1 year) - Technical Support: Access to software support hotline - Software maintenance: Includes all software updates	1,350.00	1,350.00T
		Govt. Discount: \$150.00		

Quote does not include applicable taxes and shipping cost.	<b>Subtotal</b>
	<b>Sales Tax (0.0%)</b>
	<b>Total</b>

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Item	Qty	Description	Unit Price	Total	Project
798753	1	Leica Cyclone - PUBLISHER - Permanent License - CCP not included	5,053.50	5,053.50T	
6001242	1	Govt. Discount: \$561.50 CCP Basic for Cyclone PUBLISHER (1 year) - Technical Support: Access to software support hotline - Software maintenance: Includes all software updates	900.00	900.00T	
8246185	1	Govt. Discount: \$100.00 IMS Map360 v1 (core software) Includes 3 months of CCP	1,345.50	1,345.50T	
8246187	1	Govt. Discount: \$200.00 IMS Map360 v1 Point Cloud Extension Includes 3 months of CCP	6,300.00	6,300.00T	
670238	1	Govt. Discount: \$700.00 Leica Tripod - heavy duty surveying tripod	472.50	472.50T	
D10467	1	Govt. Discount: \$53.00 Leica ScanStation Floor Stand-Crime Scene Forensic Base Govt. Discount: \$129.00	270.00	270.00T	
Quote does not include applicable taxes and shipping cost.			<b>Subtotal</b>		
			<b>Sales Tax (0.0%)</b>		
			<b>Total</b>		

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2/14/2017	22255

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Washoe County Sheriffs Department 911 E Parr Blvd Reno, NV 89512

				Project
Item	Qty	Description	Unit Price	Total
6010779	1	NIST Calibrated PS Traceable Artifact Bundle	2,245.50	2,245.50T
5300122	5	Govt. Discount: \$300.00 On-Site Forensic Training Accepted By: Signature: 5 days total at customer site. Forensic training manuals provided to attendees. Maximum class size of 8. Equipment, computers and facilities provided by customer. Travel and expenses of the trainer included.  Govt. Discount: \$1,970.00 (\$394 per day total)  Total Government Discount \$12,393.50 **All prices on quote reflect the applied Government discounts**	2,646.00	13,230.00T
Quote does not include applicable taxes and shipping cost.			<b>Subtotal</b>	\$189,809.50
			<b>Sales Tax (0.0%)</b>	\$0.00
			<b>Total</b>	\$189,809.50